



SmartSet Engine Supported Actions

Version 2-11-22

Keyboard Tokens

HID Usage ID	Token	Usage Name
4	а	keyboard a and A
5	b	keyboard b and B
6	С	keyboard c and C
7	d	keyboard d and D
8	е	keyboard e and E
9	f	keyboard f and F
0A	g	keyboard g and G
OB	h	keyboard h and H
0C	i	keyboard i and I
0D	j	keyboard j and J
OE	k	keyboard k and K
OF	l	keyboard I and L
10	m	keyboard m and M
11	n	keyboard n and N
12	0	keyboard o and O
13	р	keyboard p and P
14	q	keyboard q and Q
15	r	keyboard r and R
16	S	keyboard s and S
17	t	keyboard t and T
18	u	keyboard u and U
19	V	keyboard v and V
1A	W	keyboard w and W
1B	Х	keyboard x and X
1C	У	keyboard y and Y
1D	Z	keyboard z and Z
1E	1	keyboard 1 and !
1F	2	keyboard 2 and @
20	3	keyboard 3 and #
21	4	keyboard 4 and \$
22	5	keyboard 5 and %

23	6	keyboard 6 and ^
24	7	keyboard 7 and &
25	8	keyboard 8 and *
26	9	keyboard 9 and (
27	0	keyboard 0 and)
28	ent	keyboard Return
29	esc	keyboard ESCAPE
2A	bspc	keyboard DELETE
2B	tab	keyboard Tab
2C	spc	keyboard Spacebar
2D	hyph	keyboard - and (underscore)
2E	eql	keyboard = and +
2F	obrk	keyboard [and {
30	cbrk	keyboard] and }
31	bsls	keyboard \and
32	int#	keyboard non-US # and ~
33	scol	keyboard ; and :
34	apos	keyboard ' and "
35	grav	keyboard Grave Accent and Tilde
36	comm	keyboard , and <
37	perd	keyboard . and >
38	fsls	keyboard / and ?
39	caps	keyboard Caps Lock
3A	f1	keyboard F1
3B	f2	keyboard F2
3C	f3	keyboard F3
3D	f4	keyboard F4
3E	f5	keyboard F5
3F	f6	keyboard F6
40	f7	keyboard F7
41	f8	keyboard F8
42	f9	keyboard F9
43	f10	keyboard F10
44	f11	keyboard F11
45	f12	keyboard F12
46	prnt	keyboard Print Screen
47	sclk	keyboard Scroll Lock
48	paus	keyboard Pause
49	ins	keyboard Insert
4A	home	keyboard Home

4C del keyboard Delete	4B	pgup	keyboard Page Up
4E pgdn keyboard Page Down 4F rght keyboard Right Arrow 50 left keyboard Down Arrow 51 down keyboard Down Arrow 52 up keyboard Up Arrow 53 nmlk Keypad Verypad / 54 kp/ keypad / 55 kp* keypad - 57 kp+ keypad - 57 kp+ keypad - 57 kp+ keypad - 57 kp+ keypad - 58 kpe keypad H 58 kpe keypad H 58 kpe keypad H 59 kp1 keypad ENTER 59 kp1 keypad 3 and Down Arrow 58 kp2 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 5 5E kp6 keypad 4 and Right Arrow 5F	4C	del	keyboard Delete
4F right keyboard Right Arrow 50 left keyboard Left Arrow 51 down keyboard Down Arrow 52 up keyboard Down Arrow 53 nmlk Keypad Num Lock and Clear 54 kp/ keypad / 55 kp* keypad * 56 kp- keypad - 57 kp+ keypad ENTER 59 kp1 keypad 1 and End 5A kp2 keypad 2 and Down Arrow 5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 9 and Page Up 61 kp9 keypad 9 and Page Up 62 kp0 keypad 1 and Delete 64 int\ keyboard Power1 65 app keyboard Power1 65	4D	end	keyboard End
SO	4E	pgdn	keyboard Page Down
51	4F	rght	keyboard Right Arrow
52	50	left	keyboard Left Arrow
53 nmlk Keypad Num Lock and Clear 54 kp/ keypad / 55 kp* keypad * 56 kp- keypad - 57 kp+ keypad ENTER 58 kpen keypad ENTER 59 kp1 keypad 1 and End 5A kp2 keypad 2 and Down Arrow 5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 9 and Page Up 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad 0 and Delete 64 int\ keyboard Application 65 app keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 ke	51	down	keyboard Down Arrow
54 kp/ keypad / 55 kp* keypad * 56 kp- keypad - 57 kp+ keypad + 58 kpen keypad ENTER 59 kp1 keypad 1 and End 5A kp2 keypad 2 and Down Arrow 5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 9 and Page Up 61 kp9 keypad 0 and Insert 63 kp. keypad on-US \and 64 int\ keyboard Non-US \and 65 app keyboard Power1 67 kp= keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F18	52	up	keyboard Up Arrow
55 kp* keypad * 56 kp- keypad - 57 kp+ keypad + 58 kpen keypad ENTER 59 kp1 keypad 1 and End 5A kp2 keypad 2 and Down Arrow 5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 9 and Page Up 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad on-US \and 63 kp. keybad on-US \and 64 int\ keyboard Power1 65 app keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F16 6C f17 keyboard F17 </td <td>53</td> <td>nmlk</td> <td>Keypad Num Lock and Clear</td>	53	nmlk	Keypad Num Lock and Clear
56 kp- keypad - 57 kp+ keypad + 58 kpen keypad ENTER 59 kp1 keypad 1 and End 5A kp2 keypad 2 and Down Arrow 5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 9 and Page Up 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad 0 and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keyboard F13 69 f14 keyboard F14 6A f15 keyboard F16 6C f17 keyboard F17 6D f18 <	54	kp/	keypad /
57 kp+ keypad + 58 kpen keypad ENTER 59 kp1 keypad 1 and End 5A kp2 keypad 2 and Down Arrow 5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 9 and Page Up 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F16 6C f17 keyboard F16 6C f17 keyboard F19 6F f20 <t< td=""><td>55</td><td>kp*</td><td>keypad *</td></t<>	55	kp*	keypad *
58 kpen keypad ENTER 59 kp1 keypad 1 and End 5A kp2 keypad 2 and Down Arrow 5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 8 and Up Arrow 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F16 6C f17 keyboard F16 6C f17 keyboard F18 6E f19 keyboard F20 70 f21	56	kp-	keypad -
59 kp1 keypad 1 and End 5A kp2 keypad 2 and Down Arrow 5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 8 and Up Arrow 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F18 6E f19 keyboard F20 70 f21	57	kp+	keypad +
5A kp2 keypad 2 and Down Arrow 5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 8 and Up Arrow 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad 0 and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F18 6E f19 keyboard F20 70 f21 keyboard F22	58	kpen	keypad ENTER
5B kp3 keypad 3 and Page Down 5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 8 and Up Arrow 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US\and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F22	59	kp1	keypad 1 and End
5C kp4 keypad 4 and Left Arrow 5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 8 and Up Arrow 61 kp9 keypad 9 and Page Up 62 kp0 keypad. and Delete 63 kp. keypad. and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F22	5A	kp2	keypad 2 and Down Arrow
5D kp5 keypad 5 5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 8 and Up Arrow 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F20 70 f21 keyboard F22	5B	kp3	keypad 3 and Page Down
5E kp6 keypad 6 and Right Arrow 5F kp7 keypad 7 and Home 60 kp8 keypad 8 and Up Arrow 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US\and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F20 70 f21 keyboard F22	5C	kp4	keypad 4 and Left Arrow
5F kp7 keypad 7 and Home 60 kp8 keypad 8 and Up Arrow 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	5D	kp5	keypad 5
60 kp8 keypad 8 and Up Arrow 61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	5E	kp6	keypad 6 and Right Arrow
61 kp9 keypad 9 and Page Up 62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	5F	kp7	keypad 7 and Home
62 kp0 keypad 0 and Insert 63 kp. keypad. and Delete 64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	60	kp8	keypad 8 and Up Arrow
63	61	kp9	keypad 9 and Page Up
64 int\ keyboard Non-US \and 65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	62	kp0	keypad 0 and Insert
65 app keyboard Application 66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	63	kp.	keypad. and Delete
66 powr keyboard Power1 67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	64	int∖	keyboard Non-US \and
67 kp= keypad = 68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	65	арр	keyboard Application
68 f13 keyboard F13 69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	66	powr	keyboard Power1
69 f14 keyboard F14 6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	67	kp=	keypad =
6A f15 keyboard F15 6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	68	f13	keyboard F13
6B f16 keyboard F16 6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	69	f14	keyboard F14
6C f17 keyboard F17 6D f18 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	6A	f15	keyboard F15
6D f18 keyboard F18 6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	6B	f16	keyboard F16
6E f19 keyboard F19 6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	6C	f17	keyboard F17
6F f20 keyboard F20 70 f21 keyboard F21 71 f22 keyboard F22	6D	f18	keyboard F18
70 f21 keyboard F21 71 f22 keyboard F22	6E	f19	keyboard F19
71 f22 keyboard F22	6F	f20	keyboard F20
	70	f21	keyboard F21
72 f23 keyboard F23	71	f22	keyboard F22
/2	72	f23	keyboard F23

74 kh74 keyboard Execute 75 kh75 keyboard Help 76 kh76 keyboard Menu 77 kh77 keyboard Select 78 kh78 keyboard Stop 79 kh79 keyboard Again 7A kh7A keyboard Copy 7B kh7B keyboard Copy 7C kh7C keyboard Copy 7D kh7D keyboard Paste 7E kh7E keyboard Mute 80 kh80 keyboard Volume Up 81 kh81 keyboard Volume Up 81 kh81 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking Num 85 kh86 keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International4 8B int5 keyboard International6 8C int6 keyboard International7 8E int8 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard International9 91 lng1 keyboard International9 91 lng2 keyboard International9 93 lng4 keyboard International9 94 lng5 keyboard LANG2 95 lng6 keyboard LANG3 97 lng8 keyboard LANG9 98 lng9 keyboard LANG9 99 kh99 keyboard LANG9 99 kh99 keyboard Alternate Erase	73	f24	keyboard F24
76 kh76 keyboard Menu 77 kh77 keyboard Select 78 kh78 keyboard Stop 79 kh79 keyboard Sop 79 kh74 keyboard Again 7A kh7A keyboard Undo 7B kh7B keyboard Cut 7C kh7C keyboard Paste 7E kh7E keyboard Paste 80 kh80 keyboard Volume Up 81 kh81 keyboard Volume Up 81 kh82 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking Num 85 kh86 keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International6 8C int6 keyboard International7 8E int8 keyboard International9 90 lng1 keyboard LANG2 91 lng2 keyboard LANG3 93 lng4 keyboard LANG9 99 keyboard LANG9 99 keyboard LANG9 99 keyboard LANG9 99 keyboard LANG9	74	kh74	keyboard Execute
77 kh77 keyboard Select 78 kh78 keyboard Stop 79 kh79 keyboard Again 7A kh7A keyboard Undo 7B kh7B keyboard Copy 7D kh7D keyboard Paste 7E kh7E keyboard Find 7F kh7F keyboard Volume Up 81 kh81 keyboard Volume Up 82 kh82 keyboard Volume Down 84 kh84 keyboard Locking Num 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International2 88 int2 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard International9 91 lng2 keyboard International9 91 lng2 keyboard International9 93 lng4 keyboard International9 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG8 98 lng9 keyboard LANG8 99 lng9 keyboard LANG9 99 lng1 keyboard LANG9 99 keyboard LANG8 99 lng9 keyboard LANG9 99 keyboard LANG9	75	kh75	keyboard Help
78 kh78 keyboard Stop 79 kh79 keyboard Again 7A kh7A keyboard Undo 7B kh7B keyboard Cut 7C kh7C keyboard Copy 7D kh7D keyboard Paste 7E kh7E keyboard Find 7F kh7F keyboard Mute 80 kh80 keyboard Volume Up 81 kh81 keyboard Locking Caps 82 kh82 keyboard Locking Num 84 kh84 keyboard Locking 85 kh85 Keypad Equal Sign 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International6 8B int5 keyboard International7 8E int6 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 90	76	kh76	keyboard Menu
79 kh79 keyboard Again 7A kh7A keyboard Undo 7B kh7B keyboard Cut 7C kh7C keyboard Copy 7D kh7D keyboard Paste 7E kh7E keyboard Find 80 kh80 keyboard Volume Up 81 kh81 keyboard Volume Down 82 kh82 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking Num 85 kh85 keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International4 88 int4 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International9 90 lng1 keyboard LANG1 91 lng2 keyboard LANG3 93 lng4 keyboard LANG5 96 lng7 keyboard LANG6 96 lng7 keyboard LANG9 99 kh99 keyboard LANG9 99 kh99 keyboard LANG9 99 kh99 keyboard LANG9 99 kh99 keyboard LANG9	77	kh77	keyboard Select
7A kh7A keyboard Undo 7B kh7B keyboard Cut 7C kh7C keyboard Copy 7D kh7D keyboard Paste 7E kh7E keyboard Mute 80 kh80 keyboard Volume Up 81 kh81 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking Num 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International4 8B int5 keyboard International4 8B int5 keyboard International6 8C int6 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard International9 92 lng3 keyboard LANG3 93 lng4 keyboard LANG5 96 lng7 keyboard LANG6 97 lng8 keyboard LANG6 98 lng9 keyboard LANG6 99 lng1 keyboard LANG6 99 lng1 keyboard LANG6 99 lng2 keyboard LANG6 99 lng3 keyboard LANG6 99 lng4 keyboard LANG6 99 lng6 keyboard LANG6	78	kh78	keyboard Stop
7B kh7B keyboard Cut 7C kh7C keyboard Copy 7D kh7D keyboard Paste 7E kh7E keyboard Find 7F kh7F keyboard Mute 80 kh80 keyboard Volume Up 81 kh81 keyboard Volume Down 82 kh82 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking Num 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International4 8B int5 keyboard International4 8B int5 keyboard International6 8C int6 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard International9 91 lng1 keyboard International9 92 lng3 keyboard LANG2 93 lng4 keyboard LANG3 94 lng5 keyboard LANG5 96 lng7 keyboard LANG6 97 lng8 keyboard LANG6 98 lng9 keyboard LANG8 98 lng9 keyboard LANG8 99 kh99 keyboard LANG9	79	kh79	keyboard Again
7C kh7C keyboard Copy 7D kh7D keyboard Paste 7E kh7E keyboard Find 7F kh7F keyboard Mute 80 kh80 keyboard Volume Up 81 kh81 keyboard Locking Caps 82 kh82 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International4 88 int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard LANG1 93 lng4 keyboard LANG3 94 lng5 keyboard LANG5 95 lng6 keyboard LANG5 96 lng7 keyboard LANG6 98 lng9 keyboard LANG9 99 kh99 keyboard LANG9	7A	kh7A	keyboard Undo
7D kh7D keyboard Paste 7E kh7E keyboard Find 7F kh7F keyboard Mute 80 kh80 keyboard Volume Up 81 kh81 keyboard Locking Caps 82 kh82 keyboard Locking Num 84 kh84 keyboard Locking Num 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International4 88 int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard International9 92 lng3 keyboard LANG1 93 lng4 keyboard LANG3 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG9 99 kh99 keyboard LANG9	7B	kh7B	keyboard Cut
7E kh7E keyboard Find 7F kh7F keyboard Mute 80 kh80 keyboard Volume Up 81 kh81 keyboard Volume Down 82 kh82 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking Num 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 Ing1 keyboard International9 91 Ing2 keyboard International9 92 Ing3 keyboard LANG1 93 Ing4 keyboard LANG3 94 Ing5 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG6 98 Ing9 keyboard LANG9	7C	kh7C	keyboard Copy
7F kh7F keyboard Mute 80 kh80 keyboard Volume Up 81 kh81 keyboard Volume Down 82 kh82 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking Num 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard International9 92 lng3 keyboard LANG1 93 lng4 keyboard LANG3 94 lng5 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9	7D	kh7D	keyboard Paste
80 kh80 keyboard Volume Up 81 kh81 keyboard Volume Down 82 kh82 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG6 97 lng8 keyboard LANG9 98 lng9 keyboard LANG9	7E	kh7E	keyboard Find
81 kh81 keyboard Volume Down 82 kh82 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 90 lng1 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG6 96 lng7 keyboard LANG9 99 kh99 keyboard LANG9	7F	kh7F	keyboard Mute
82 kh82 keyboard Locking Caps 83 kh83 keyboard Locking Num 84 kh84 keyboard Locking 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International4 8B int6 keyboard International7 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9	80	kh80	keyboard Volume Up
83 kh83 keyboard Locking Num 84 kh84 keyboard Locking 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9	81	kh81	keyboard Volume Down
84 kh84 keyboard Locking 85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9	82	kh82	keyboard Locking Caps
85 kh85 Keypad Comma 86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 90 lng1 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG3 94 lng5 keyboard LANG6 96 lng7 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9 99 kh99 keyboard LANG9	83	kh83	keyboard Locking Num
86 kh86 Keypad Equal Sign 87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 Ing1 keyboard International9 91 Ing2 keyboard LANG1 91 Ing2 keyboard LANG2 92 Ing3 keyboard LANG3 93 Ing4 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9	84	kh84	keyboard Locking
87 int1 keyboard International1 88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard International9 91 lng2 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9	85	kh85	Keypad Comma
88 int2 keyboard International2 89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9 99 kh99 keyboard Alternate Erase	86	kh86	Keypad Equal Sign
89 int3 keyboard International3 8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9	87	int1	keyboard International1
8A int4 keyboard International4 8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 Ing1 keyboard LANG1 91 Ing2 keyboard LANG2 92 Ing3 keyboard LANG3 93 Ing4 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	88	int2	keyboard International2
8B int5 keyboard International5 8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 lng1 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9	89	int3	keyboard International3
8C int6 keyboard International6 8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 Ing1 keyboard LANG1 91 Ing2 keyboard LANG2 92 Ing3 keyboard LANG3 93 Ing4 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	8A	int4	keyboard International4
8D int7 keyboard International7 8E int8 keyboard International8 8F int9 keyboard International9 90 Ing1 keyboard LANG1 91 Ing2 keyboard LANG2 92 Ing3 keyboard LANG3 93 Ing4 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	8B	int5	keyboard International5
8E int8 keyboard International8 8F int9 keyboard International9 90 Ing1 keyboard LANG1 91 Ing2 keyboard LANG2 92 Ing3 keyboard LANG3 93 Ing4 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	8C	int6	keyboard International6
8F int9 keyboard International9 90 lng1 keyboard LANG1 91 lng2 keyboard LANG2 92 lng3 keyboard LANG3 93 lng4 keyboard LANG4 94 lng5 keyboard LANG5 95 lng6 keyboard LANG6 96 lng7 keyboard LANG7 97 lng8 keyboard LANG8 98 lng9 keyboard LANG9 99 kh99 keyboard Alternate Erase	8D	int7	keyboard International7
90 Ing1 keyboard LANG1 91 Ing2 keyboard LANG2 92 Ing3 keyboard LANG3 93 Ing4 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	8E	int8	keyboard International8
91 Ing2 keyboard LANG2 92 Ing3 keyboard LANG3 93 Ing4 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	8F	int9	keyboard International9
92 Ing3 keyboard LANG3 93 Ing4 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	90	lng1	keyboard LANG1
93 Ing4 keyboard LANG4 94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	91	lng2	keyboard LANG2
94 Ing5 keyboard LANG5 95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	92	Ing3	keyboard LANG3
95 Ing6 keyboard LANG6 96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	93	Ing4	keyboard LANG4
96 Ing7 keyboard LANG7 97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	94	Ing5	keyboard LANG5
97 Ing8 keyboard LANG8 98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	95	Ing6	keyboard LANG6
98 Ing9 keyboard LANG9 99 kh99 keyboard Alternate Erase	96	1	keyboard LANG7
99 kh99 keyboard Alternate Erase	97	Ing8	keyboard LANG8
99 kh99 keyboard Alternate Erase	98		
9A kh9A keyboard SysReq/Attention	99	1	keyboard Alternate Erase
	9A	kh9A	keyboard SysReq/Attention

9В	kh9B	keyboard Cancel
9C	kh9C	keyboard Clear
9D	kh9D	keyboard Prior
9E	kh9E	keyboard Return
9F	kh9F	keyboard Separator
A0	khA0	keyboard Out
A1	khA1	keyboard Oper
A2	khA2	keyboard Clear/Again
A3	khA3	keyboard CrSel/Props
A4	khA4	keyboard ExSel
A5	reserved	
A6	reserved	
A7	reserved	
A8	reserved	
A9	reserved	
AA	reserved	
AB	reserved	
AC	reserved	
AD	reserved	
AE	reserved	
AF	reserved	
В0	khB0	keypad 00
B1	khB1	keypad 000
B2	khB2	Thousands Separator
В3	khB3	Decimal Separator
B4	khB4	Currency Unit
B5	khB5	Currency Sub-unit
В6	khB6	keypad (
В7	khB7	keypad)
В8	khB8	keypad {
В9	khB9	keypad }
BA	khBA	keypad Tab
ВВ	khBB	keypad Backspace
ВС	khBC	keypad A
BD	khBD	keypad B
BE	khBE	keypad C
BF	khBF	keypad D
C0	khC0	keypad E
C1	khC1	keypad F
C2	khC2	keypad XOR

С3	khC3	keypad ^
C4	khC4	keypad %
C5	khC5	keypad <
C6	khC6	keypad >
C7	khC7	keypad &
C8	khC8	keypad &&
C9	khC9	keypad
CA	khCA	keypad
СВ	khCB	keypad:
CC	khCC	keypad #
CD	khCD	keypad Space
CE	khCE	keypad @
CF	khCF	keypad !
D0	khD0	keypad Memory Store
D1	khD1	keypad Memory Recall
D2	khD2	keypad Memory Clear
D3	khD3	keypad Memory Add
D4	khD4	keypad Memory Subtract
D5	khD5	keypad Memory Multiply
D6	khD6	keypad Memory Divide
D7	khD7	keypad +/-
D8	khD8	keypad Clear
D9	khD9	keypad Clear Entry
DA	khDA	keypad Binary
DB	khDB	keypad Octal
DC	khDC	keypad Decimal
DD	khDD	keypad Hexadecimal
DE	reserved	
DF	reserved	
EO	lctr	left control
E1	lshf	left shift
E2	lalt	left alt
E3	lwin	left gui
E4	rctr	right control
E5	rshf	right shift
E6	ralt	right alt
E7	rwin	right gui

Consumer

Tokens

B5	next	scan next
В6	prev	scan prev
В0	play	play
В7	stop	stop
E2	mute	mute
E9	vol+	volume up
EA	vol-	volume down
В3	fwrd	forward
B4	rewd	rewind
B1	cpau	pause
B8	ejct	eject
CD	plpa	play/pause
B2	recr	record
В9	ranp	random play
CE	plsk	play/skip
192	calc	calculator
E2	mmut	microphone mute

System Tokens

Γ

Mouse Tokens

lmou	mouse button left click
rmou	mouse button right click
mmou	mouse button middle click
4mou	mouse button 4 click
5mou	mouse button 5 click
sumo	mouse scroll up
sdmo	mouse scroll down
moul	mouse move left
mour	mouse move right
mouu	mouse move up
moud	mouse move down

Custom Tokens

	null	no action
--	------	-----------

ss	smartset
ledt	led toggle on/off
led+	led brightness up
led-	led brightness down
Defs	Default layer shift
Deft	Default layer toggle
keys	keypad layer shift
keyt	keypad layer toggle
fn1s	fn1 layer shift
fn1t	fn1 layer toggle
fn2s	fn2 layer shift
fn2t	fn2 layer toggle
fn3s	fn3 layer shift
fn3t	fn3 layer toggle
mstp	stop macro playback
hypr	hyper
meh	meh
pro0	load profile 0
pro1	load profile 1
pro2	load profile 2
pro3	load profile 3
pro4	load profile 4
pro5	load profile 5
pro6	load profile 6
pro7	load profile 7
pro8	load profile 8
pro9	load profile 9
caws	control + alt + win + shift
xaws	control + alt + win
CXWS	control + win + shift
caxs	control + alt + shift
cawx	alt + win + shift
caxx	control + alt
CXWX	control + win
CXXS	control + shift
xawx	alt + win
xaxs	alt + shift
XXWS	win + shift